# The perfect value of the supply supply a supply supply a supply a



is here.

The World's Best Source of Water

eSpring™ Water Purifier Owner's Manual

U.S. Patent Numbers: D431,084; D421,089; 4,753,728; 4,859,386;

# Owner's Manual

## Contents

Important Safeguards1
Important Notes2
Introduction
Above the Counter Existing Tap Installation4
Below Counter Tap Installation
How to Mount the Auxiliary Tap6
Checking for Leaks8
Electronic Module Display9
How to Read the Electronic Module Display9
Maintenance and Troubleshooting10
Filter Replacement
Installing the new Filter Cartridge
Testing the Water Purifier13
Accessories and Replacement Parts14
Specifications14
Technical Support14
Warranty14
Satisfaction Guarantee15
NSF Performance Data Sheet



# Important Safeguards

WHEN USING AN ELECTRIC APPLIANCE, BASIC SAFETY PRECAUTIONS, INCLUDING THE FOLLOWING, SHOULD ALWAYS BE FOLLOWED TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, AND/OR INJURY TO PERSONS:

- READ ALL INSTRUCTIONS BEFORE USE. If you still have questions concerning the installation or operation of your eSpring™ Water Purifier, contact Technical Support toll-free, on 1 800 022 034 (in Australia), or 0 800 113 444 (in New Zealand).
- To protect against electric shock, do not place power adapter, cord, base unit, or Electronic Module in water or other liquids.
- Close adult supervision is required when any appliance is used by or near children.
- 4. Unplug from electrical outlet before cleaning or performing routine maintenance (i.e. replacing the Filter Cartridge).
- To disconnect appliance from electrical power, remove power adapter from electrical outlet.
- Do not operate any appliance with a damaged electrical cord or plug or after the appliance malfunctions or has been dropped or damaged in any manner. If the power adapter or cord is damaged, it must be replaced.
- Use only the power adapter supplied with the Water Purifier. Use of unapproved power adapters could cause system damage or injury.
- 8. Use only factory authorized replacement parts. The use of unauthorized replacement parts may degrade both the safety and the performance of this product and will void the Limited Warranty.
- 9. Do not use outdoors.

- Do not let power cord hang over the edge of table or counter, or touch hot surfaces.
- 11. For household use only. Do not use this appliance for other than the intended use.
- 12. CAUTION: Regularly inspect product and plumbing fittings for water leaks, as water leaks can cause property damage.
- 13. WARNING: THE APPLIANCE MUST BE DRY BEFORE APPLYING ELECTRICAL POWER AND BE DRY AND FREE OF LEAKS DURING OPERATION.
- 14. WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT ATTEMPT TO OPEN THE ELECTRONIC MODULE. NO USER SERVICABLE PARTS ARE INSIDE THE ELECTRONIC MODULE. REPAIRS TO THE ELECTRONIC MODULE SHOULD BE DONE ONLY BY AUTHORIZED SERVICE PERSONNEL.
- 15. WARNING: To ensure proper performance, this product must be con-nected to a reliable source of electrical power. The electrical outlet to which this product is connected must comply with all applicable electrical codes and requirements. Connection of this product to an improperly installed electrical outlet or a double adapter can result in risk of electric shock or fire. If you are in doubt as to whether the electrical outlet is properly installed, have the outlet inspected by a qualified electrician.

# Important Notes

The **eSpring™** Water Purifier is designed for use only with cold, bacteriologically suitable (potable) water.

- 1. System tested and certified by NSF International against ANSI/NSF Standard 42, 53, 55. See Performance Data Sheet for individual contaminants and reductions performance, page 16.
- 2. This Class B system conforms to ANSI/NSF 55 and contains an ultraviolet lamp that requires replacement at intervals in accordance with the manfacturer's instructions. The system is designed for the supplemental bactericidal treatment of either treated and disinfected public drinking water or other drinking water that has been tested and deemed acceptable for human consumption by the state and local health agency having jurisdiction. The system is designed to reduce normally occurring non-pathogenic or nuisance microorganisms only. Class B Systems are not intended for treatment of contaminated water. Systems certified for cyst reduction may be used on disinfected waters that may contain fil-terable cysts.
- 3. Installation of the Water purifier must comply with applicable laws and regulations.
- During normal operation, if the Water Purifier has not been used for several hours (e.g., overnight), run water through it for 30 seconds prior to use.
- DO NOT use with warm or hot water, as this may damage the Water Purifier.
- Except for lead and a few other compounds, the eSpring Water Puri-fier is NOT designed to remove soluble inorganic substances such as iron, calcium, magnesium, nitrates or fluorides.
- Plumber's thread sealing compounds should NOT be used with the eSpring Water Purifier.
- 8. DO NOT allow vegetable oil, petroleum jelly, or other lubricants, solvents, ammonia, alcohols, acids, or strong cleaning solutions to come into contact with the **eSpring** Water Purifier. They could cause permanent damage to the housing. When cleaning, use a mild liquid dishwashing detergent (such as DISH DROPSTM Dishwashing Liquid) and water. DO NOT use any other cleaners or abrasive pads as they could damage the plastic housing and auxiliary tap.
- 9. The **eSpring** Water Purifier's Electronic Module will let you know when it is time to replace the filter.
- 10. THE FILTER CARTRIDGE MUST BE REPLACED AT LEAST ONCE A YEAR. In areas of very poor water quality, you may see a drop in the flow rate, indicating that filter replacement may be needed more frequently. Even if water flow rate is not affected, the filter must be replaced as soon as a year has passed or when it has filtered 5000 L of water, whichever comes first.

REMEMBER: OPERATIONAL, MAINTENANCE AND REPLACEMENT REQUIREMENTS ARE ESSENTIAL FOR THIS PRODUCT TO PERFORM AS REPRESENTED. IT IS IMPORTANT THAT ONLY THOSE REPLACEMENT ELEMENTS THAT ARE IDENTIFIED IN THIS MANUAL ARE USED WITH THIS PRODUCT. THE LIMITED WARRANTY DOES NOT COVER ANY DEFECT OR DIMINISHED PERFORMANCE CAUSED BY THE USE OF ANY PART OR ACCESSORY THAT IS NOT COMPATIBLE WITH THE ESPRING WATER PURIFIER.

NOTE: The **eSpring** Water Purifier is to be installed with the Existing Tap Kit or the Auxiliary Tap Kit only.

For service under this warranty in Australia contact Technical Support on 1800 022 034 or in New Zealand on 0800 113 444 BEFORE you return anything.

Information can also be accessed via the Internet at: www.espring.com and www.a2k.com.au or www.a2k.co.nz.

## Introduction

Congratulations on your purchase of the **eSpring™** Water Purifier. You have made a wise investment for you and your family and have taken an important step in improving the quality of your drinking water.

#### Easy to Install and Maintain

The **eSpring** Water Purifier is easily installed and is operational in just minutes in most homes, apartments, and cottages. Before beginning installation, please review the owner's manual thoroughly to ensure proper performance of your **eSpring** Water Purifier.

Maintenance is quick and easy. Replace the Filter Cartridge (carbon and UV) at least once a year according to the instructions in this manual. It is recommended that the tubing be replaced every two years.

To maintain maximum performance and quality drinking water, the Filter Cartridge should be replaced once a year or as soon as you have filtered 5000 L of water - whichever comes first. The eSpring Water Purifier's Electronic Module monitors the amount of water filtered and keeps track of how long the filter has been in service. When a year has passed or as soon as the filter has treated 5000 L of water the Electronic Module alerts you to replace the Filter Cartridge.

# Installation overview

There are two ways to install the **eSpring** Water Purifier: Above counter with an Existing Tap Kit or Below counter with an Auxiliary Tap Kit.

#### **Above Counter Installation**

- eSpring Water Purifier
- eSpring Existing Tap Kit

#### **Below Counter Installation**

- eSpring Water Purifier
- eSpring Auxiliary Tap Kit

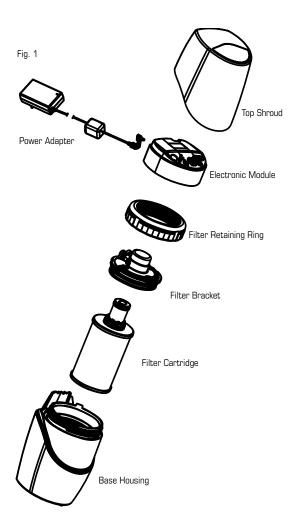
#### Installation of Filter Cartridge and connecting the Water Purifier to power

Refer to the exploded view of the **eSpring** Water Purifier (Fig. 1) for assistance with part names.

The Filter Cartridge (carbon and UV) comes installed at the factory. Make sure the cartridge is firmly in place and the handle is down. See individual tap kit instructions later in this manual to connect your water. The only connections needed are water and electrical power (240 volt AC).

If you are connecting to an Existing Tap turn to page 4 for installation instructions

If you are connecting to an Auxiliary Tap turn to page 6 for installation instructions.



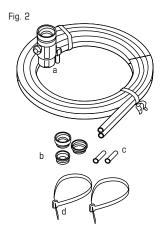
# Above the Counter Existing Tap Installation

This installation is quick and simple. The  $\mathbf{eSpring}^{\mathsf{TM}}$  Water Purifier sits on the countertop with the diverter and tubing attached directly to your tap.

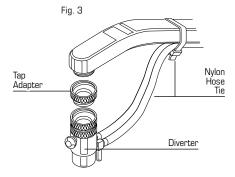
#### **Existing Tap Components (Fig. 2)**

Check to make sure Existing Tap Kit contains all the correct components, before you begin installation.

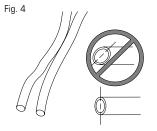
- a). Diverter with attached white tubing
- b). 3 tap adapters includes 2 males, 1 female (knurled edge)
- c). 2 tube supports
- d). 2 tubing ties (nylon)
- If there is an aerator on the end of your kitchen tap, unscrew and remove the aerator.



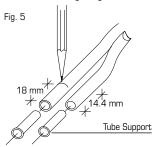
2. Position the diverter onto the tap and turn the knurled revolving collar counterclockwise until the diverter draws up tight to the tap. If necessary, use one of the three supplied adapters to fit the diverter to your tap (Fig. 3).



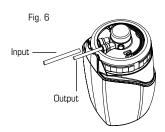
- 3. Use the tubing ties to neatly secure the diverter's tubing to the base of the tap.
- 4. If the tubing is too long, you may want to shorten it. Use a utility knife to cut tubing straight to form a flat end. Do not cut where tubing is bonded together. (Fig. 4). Do not cut tubing too short.



 Insert one tube support into the open end of each tube and mark the tubing with a line 18mm from the end of the 9.5mm tubing and 14.4mm on the 8mm tubing. (Fig. 5).

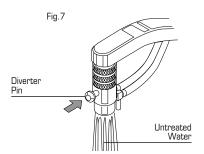


- Remove the Top Shroud and Electronic Module from the eSpring™ Water Purifier.
- Insert and push the diverter tubing firmly by hand into the Filter Bracket Quick Connectors to the marked line (Fig. 6).

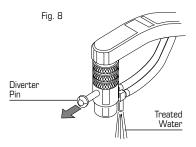


**NOTE:** The diverter tubing has a 9.5mm O.D. tube (output) and a 8mm O.D. tube (Output). The tubing is designed to attach only one way to the Filter Bracket.

- 8. Plug the DC Jack of the power adapter into the back of the Electronics Module.
- Replace the Electronic Module on top of the Filter Bracket. Push
  down until it seats properly. Ensure the power adapter cord and
  strain relief are properly located in the cutout in the back to prevent
  the cord from being damaged.
- 10. Replace the Top Shroud on the Water Purifier.
- 11. Untreated water will flow straight through the diverter, when the pin is in. (Fig.7).



12. Turn on the tap and pull out diverter pin (Fig. 8). Water passes into the **eSpring** Water Purifier and Filter Cartridge.



- 13. It will take a short time for the water to saturate the Filter Cartridge and then emerge from the diverter. When treated water begins to flow from the treated water port, continue to let it run consistently for five minutes to eliminate air pockets and to clear the Water Purifier of any carbon dust. (It is normal for a small amount of carbon dust from the filter manufacturing process to be seen during the initial flow.) If the water does not clear of carbon dust within 15 minutes, call Technical Support toll-free. Australia contact Technical Support on 1800 022 034 or in New Zealand on 0800 113 444.
- 14. Plug the power adapter into an available electrical outlet.

**NOTE:** If the Electronic Module is functioning properly, the blue water drops on the display will blink sequentially, when water is flowing through the unit. If the blue water drops are not blinking, see Maintenance and Trouble Shooting, pages 10 and 11.

- 15. Check for any signs of leakage (bubbling or water drips around connectors). If leaking occurs, push in the diverter pin to stop the flow of water through the Water Purifier and shut off the tap, see Maintenance and Trouble Shooting, pages 10 and 11.
- 16. If there are no leaks after flushing the Water Purifier to eliminate possible carbon dust, push in the diverter pin to stop the flow of water through the Water Purifier and turn off the tap. Your eSpring Water Purifier is ready to use. Whenever you want treated, goodtasting water, just turn on the cold water tap and pull out the diverter pin. When through, simply push the diverter pin back in and turn off the tap.
- 17. After you have connected your tap to the Purifier and water, check your Electronic Module display to be sure your Purifier is functioning properly, page 9.

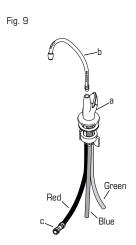
# Below Counter Tap Installation

The eSpring™ Auxiliary Tap Kit must be installed by a licenced plumber. All installations are to be performed according to local plumbing codes and regulations.

This installation uses a separate, counter-mounted Auxiliary Tap, which is supplied in the Auxiliary Tap Kit. With the **eSpring** Water Purifier below the counter, this installation allows maximum use of counter space, and there is no visible tubing.

REVIEW ALL INSTALLATION INSTRUCTIONS TO BE SURE YOU HAVE ALL PARTS PRIOR TO INSTALLATION.

The Auxiliary Tap Kit is designed for use with the eSpring Water Purifier. Contact free Technical Support for assistance at 1800 002 034 / New Zealand 0800 113 444.



#### Auxiliary Tap Components (Fig. 9):

- a. Auxiliary tap body with red, green and blue hoses, foam gasket, wing nut
- b. Auxiliary tap spout
- c. Union quick connector\*
- \* Union Quick Connector contains a flow control that is essential for proper operation.

**NOTE:** A licenced plumber needs to supply and install an approved isolation valve and T-connector.

**IMPORTANT:** If you suspect that your water pressure exceeds 860 kPa, a plumber needs to install a pressure regulating device.

# How to Mount the Auxiliary Tap

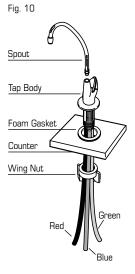
 Select a location for the Auxiliary Tap. There may already be an extra, capped hole in your sink's ledge for a sprayer or extra tap. If so, mounting your Auxiliary Tap there will result in the easiest installation. Just remove the cap and the hole is ready to use, no drilling needed.

**WARNING:** Due to the possibility of shock or electrocution, use extreme care when operating an electric power drill or other power tools around the sink. Make sure that no part of you or the drill comes into contact with water or moisture at any time.

2. If there is no ready-to-use capped hole, you may choose to drill a hole in the sink ledge or counter where you want to install your Auxiliary Tap. The hole must be at least 32mm in diameter and centered no farther than 150mm from the sink basin. Before drilling, make sure that you have sufficient clearance below the sink or counter to accommodate the tap and allow you to make connections to the eSpring Water Purifier.

**NOTE:** If you have a porcelain/ceramic sink, you may want to seek professional assistance for proper drilling.

- 3. Insert the tap spout into the main body and press into place.
- 4. Remove the wing nut while keeping the foam gasket in place.
- 5. Holding the foam gasket in place, lower the Auxiliary Tap stem and hoses through the hole in the sink ledge or counter (Fig. 10).

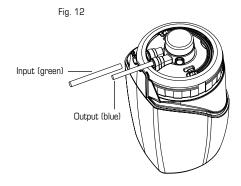


6. Reach up from below the counter and place the wing nut onto the threaded tap stem above the three attached hoses. Position the tap in the desired orientation relative to the location of the handle (lefthanded or right-handed). Have a helper hold the tap in place while you tighten the wing nut. 7. Mark the ends of the blue and green hose with a line 18mm from each end (Fig. 11).

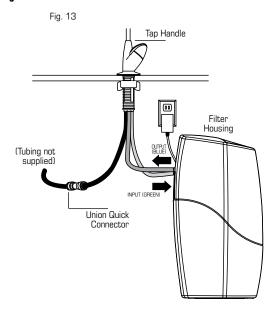


- Remove the Top Shroud and Electronic Module from the eSpring™ Water Purifier.
- Select the green hose attached to the Auxiliary Tap and firmly insert the free end into the Input Connector (larger hole) of the Filter Bracket (Fig. 12).
- 10. Select the blue hose attached to the Auxiliary Tap and firmly insert the free end into the Output Connector (smaller hole) of the Filter Bracket (Fig 12).

**NOTE:** The fitting grips before it seals. Ensure the hose is fully pushed in until the (18mm) mark disappears as a check on each of the hose connections in steps 9, 10, 11.



11. Securely connect the Union Quick Connector attached to the red hose to your cold water supply line (Fig 13). This connection will require additional parts to connect the red hose and is intended to be completed by a licenced plumber according to local plumbing codes and regulations.



#### **INSTALLER NOTE:**

The Union Quick Connector contains a flow controller which is critical to tap performance and must be included in the installation of this tap kit.

- 12. Plug the DC jack of the power adapter into the back of the Electronic Module.
- 13. Replace the Electronics Module on the Filter Bracket.
- 14. Replace the Top Shroud on the Water Purifier.
- 15. Turn the handle on the Auxiliary Tap anticlockwise to its continuous flow position.

# Checking for Leaks

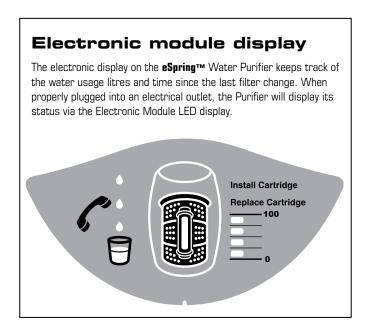
- 1. Open the water supply isolation valve and turn on the auxiliary tap.
  - It will take a short time for the water to saturate the filter and then emerge from the Auxiliary Tap. When treated water begins to flow from the Auxiliary Tap, continue to let it run for a constant 10 minutes to eliminate air pockets and to clear the Water Purifier of any carbon dust. (It is normal for a small amount of carbon dust from the filter manufacturing process to be seen during the initial constant flow.) If the water does not clear of carbon dust within 15 minutes constant flow, call free Technical Support Australia 1800 022 034 / New Zealand 0800 113 444.
- 2. Plug the power adapter into a suitable electrical outlet.

**NOTE:** If you do not have a electrical power outlet under your sink, have one installed by a licenced electrical contractor. Double adapters or power boards should not be used. If you have a single power outlet and wish to run another appliance as well as the **eSpring** $^{\text{TM}}$ , have the single power outlet changed to a double power outlet by a licenced electrical contractor.

**NOTE:** The blue lights will blink sequentially on the display when water is flowing through the Water Purifier. If it is not blinking, see Maintenance and Trouble Shooting in the owner's manual, pages 10-11.

3. Turn off the Auxiliary Tap and check for any signs of leakage (bubbling or water drips around fittings). If leaking occurs close the water supply shut off valve. Make sure the hoses are inserted completely. Open water supply shut-off valve and check the **eSpring** Water Purifier to verify that there are no leaks.

- 4. Shut off the Auxiliary Tap after verifying there are no leaks. Your **eSpring** Water Purifier is now ready to serve you whenever you want great-tasting, healthier water.
- 5. After you have connected your tap to the Purifier and water, check your Electronic Module display to be sure your Purifier is functioning properly, pg. 9 in your owner's manual.
- 6. Open the water supply isolation valve completely to allow maximum water flow.



# How to read the electronic module display

Status	Water Drops	CUP Icon	FILTER Icon	Life indicator	BeepER	Comments/Actions
Normal display w/water flow	On/Blue	Blue	On/Blue	On/Blue	No	Normal
Top Shroud removed (Reseat for display)	On/Blue	Off	On/Blue	On/Blue	Repeated	Treated water flow - Cup icon On/Red - Do not operate, replace Top Shroud
Filter Cartridge not installed	On/Blue	Off	Off	Off	Repeated	Install Cartridge light On/Red Cup icon On/Red
Lamp not lit (lamp problem)	On/Blue	Red	On/Blue	On/Blue	Repeated	Phone icon On/Red; Need replacement Filter Cartridge
Early warning	On/Blue	Blue	On/Blue	Last segment flashing	Once at flow start	10% of life remaining
End of life	On/Blue	Red	Flashing/Blue	Off	Every 2 seconds	Replace Cartridge light On/Red
Water Purifier needs servicing	On/Blue	Off	Off	Off	Repeated	Cup icon On/Red Phone icon On/Red Need new Electronic Module
Water Purifier malfunction	Flashing/Blue	Flashing/Blue	Flashing/Blue	Flashing/Blue	Constant tone	Phone icon On/Red All other segments flashing Unplug immediately

# Maintenance and Trouble Shooting

**Problem:** (Existing Tap only) Water continues to run after the diverter valve is shut off.

**Cause:** Air in the water is causing an air bubble to form in the filter hous-ing. The larger the bubble, the longer the water will run after the diverter is shut off.

**Solution:** To minimize water run-on, run water through the Water Purifier for at least 5 minutes to release entrapped air.

**NOTE:** There will always be some run-on.

**Problem:** (Existing Tap only) Diverter pin is sluggish or does not return fully to the IN (off) position after being in service for a while.

Cause: Water Purifier is used in areas with very hard water.

**Solution:** Push pin in after use. The diverter valve may require occasional soaking in ordinary vinegar to remove lime buildup. Detach the diverter from the tap, remove the sealing washer from inside the collar, and immerse the diverter in a small container of vinegar. Try not to immerse the flexible tubing as this may cause discoloration. After 12 hours (overnight) of soaking, remove the diverter and rinse it in water. Reinstall.

Problem: Water leakage around Quick Connect Fittings.

Cause: Tubing not properly inserted into Quick Connect fittings.

**Solution:** Remove tubing. To release tubing, press in on the Quick Connect ring (surrounds the tubing) and pull out on the tubing at the same time (Fig. 14). Reinsert the tubing as far as possible, turn on the Water Purifier, and check again for leakage.

Quick Connect
Insert Ring

Input (green)

Output (blue)

Filter
Retaining
Ring

Another Cause: Tubing may not be trimmed evenly.

**Solution:** Remove tubing as above. Inspect tubing to be sure it has a clean, straight edge, trimming if necessary. Reinsert the tubing as far as possible, turn on the Water Purifier, and check again for leakage.

**Problem:** Water flow rate has dropped significantly, but water pressure is paged.

**Cause:** The Filter Cartridge is probably clogged with particulates that prevent satisfactory water flow.

Solution: Replace the Filter Cartridge (No. 10-0186-ME).

Problem: Water tastes musty

Cause: Water Purifier not used enough.

**Solution:** Flush out standing water from the Water Purifier for 2 to 3 minutes.

**Another Cause:** Water Purifier and Filter Cartridge were stored wet and unused for longer than a month.

Solution: If Water Purifier and Filter Cartridge were stored wet and unused longer than a month, please dispose of Filter Cartridge, and order a new Filter Cartridge (No. 10-0186-ME). Chlorinate Base Housing with a teaspoon of AMWAY™ Dry Chlorine Bleach in a cup of warm water. Put chlorine solution into Base Housing, fill one fourth of the way up with water, put filter in and and let sit for 10 to 15 minutes. Empty and rinse prior to installation of new Filter Cartridge. Run standard 5-minute constant flush prior to use of new filter.

**Another Solution:** If Water Purifier and Filter Cartridge are not going to be used for longer than a month, dry out Filter Cartridge for 48 hours until completely dry, and store in a sealed plastic wrap so no air or moisture can get to the Filter Cartridge. Reinstall Filter Cartridge again when ready for regular use.

**Problem:** The filtered water is rusty or red in color.

Cause: High content of soluble iron.

**Solution:** The Filter Cartridge is not designed to remove soluble iron. Use of an iron filter or pre-filter prior to the Filter Cartridge may extend its life.

**Problem:** The water smells like rotten eggs.

**Cause:** Sulfur-reducing bacteria are in the unfiltered water supply.

**Solution:** Chlorinate the Filter Cartridge and **eSpring™** Water Purifier with a teaspoon of AMWAY™ Dry Chlorine Bleach in a cup of warm water. Put chlorine solution into Base Housing, fill one fourth of the way up with water and put filter in. Let it work for 10 to 15 minutes. Reassemble the **eSpring** Water Purifier, and run water through the Water Purifier for 5 minutes.

**Problem:** Occasional white sediment or flakes in the water.

**Cause:** Calcium carbonate in the unfiltered water supply. This normally occurs when water is boiled (white film), frozen (ice cubes cloudy in center) or as white flakes. The Filter Cartridge does not remove calcium carbonate.

**Solution:** The condition is normal. No action is needed.

**Problem:** Blue water drops do not flash when water is running.

Cause: eSpring Water Purifier is not plugged into an electrical outlet with continuous power.

**Solution:** Plug the Water Purifier into an electrical outlet that has continuous power. Verify electrical outlet has power by plugging in a night light.

**Problem:** Premature clogging of the Filter Cartridge (i.e. 6 to 8 weeks after installation).

Cause: Excessively high particulate content in the water.

**Solution:** Use of an iron filter or pre-filter prior to the Filter Cartridge may extend its life.

Problem: Lights not lit on the Electronic Module display.

Cause: Power outage

**Solution:** You may continue to use filtered water. Contaminants will still be removed through the Filter Cartridge. Be aware that you will not have the added protection of the UV lamp.

Another Cause: Water Purifier is not plugged into an electrical outlet with continuous power.

**Solution:** Plug the Water Purifier into an electrical outlet that has continuous power. Verify electrical outlet has power by plugging in a night light.

Another Cause: Electronic Module is not working properly.

**Solution:** Refer to How to Read the Electronic Module Display chart, pg. 9 or contact Technical Support, page 14.

Problem: Electronic Module is beeping continuously.

Cause: Top Shroud is removed. Refer to How to Read the Electronic

Module Display chart, pg. 9.

Solution: Replace Top Shroud on Water Purifier.

Another Cause: UV lamp does not light

**Solution:** For assistance with this problem, contact Technical Support,

pg. 14. Lamp may need to be replaced

Another Cause: Electronic Module is defective. Refer to How to Read the

Electronic Module Display chart, pg. 9.

 $\textbf{Solution:} \ \ \text{For assistance with this problem, contact Technical Support,}$ 

pg. 14. Electronic module may need to be replaced.

**Problem:** Water continues to run after the diverter valve is shut off.

**Cause:** Air in the water is causing an air bubble to form in the filter hous-ing. The larger the bubble, the longer the water will run after the diverter is shut off.

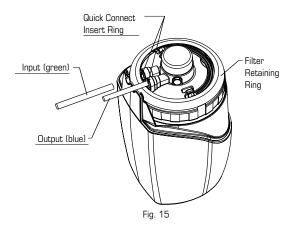
**Solution:** To minimize water run-on, run water through the Water Purifier for at least 5 minutes to release entrapped air.

**NOTE:** There will always be some run-on.

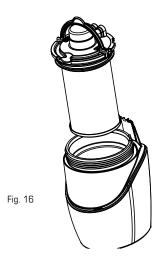
# Filter Replacement

#### Removing the old Filter Cartridge

- Unplug the eSpring™ Water Purifier power adapter from the electrical outlet.
- 2. Turn off the water supply to your Water Purifier.
- 3. If you have the Auxiliary Tap, turn off the cold water isolation valve in the water line and turn the handle on the Auxiliary Tap to its continuous flow position to relieve any residual water pressure in the Purifier. Place several absorbent towels around the Purifier and have a small pan handy to collect the water that may escape from the tubing.
- 4. If you have the Existing Tap place the Purifier in the sink.
- 5. Remove the Top Shroud and set aside. (Fig. 1, pg. 3)
- 6. Lift off the Electronic Module and set aside.
- 7. With the Electronic Module removed, you can access the Quick Connect fittings. Remove both tubes from the filter bracket by press-ing on the Quick Connect Insert Ring while simultaneously pulling on the tube (Fig. 15).

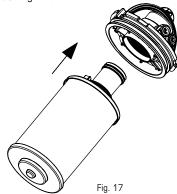


- Loosen the Filter Retaining Ring (Fig. 16) by turning it counterclockwise. Continue turning the ring until it is completely loosened and remove.
- 9. With the Retaining Ring removed, lift the Filter Bracket (and the attached used Filter Cartridge) from the Base Housing using the lift handle to facilitate removal. The lift handle will break the main housing seal (Fig. 16). Place the Filter Bracket and attached Filter Cartridge in the sink.
- 10. Unscrew and remove the used Filter Cartridge from the Filter Bracket.
- 11. Place the used Filter Cartridge in a plastic bag to prevent water and odor leakage.

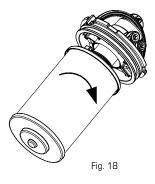


# Installing the New Filter Cartridge

- Clean the Filter Bracket and the inside of the Base Housing with warm water and rinse thoroughly. If extremely dirty, a mild dishwashing detergent (such as DISH DROPS<sup>TM</sup> Dishwashing Liquid) and water may be used. DO NOT use any other cleaners or abrasive pads as they could damage the plastic housing and auxiliary tap.
- 2. Visually inspect the Filter Bracket and remove any debris that may interfere with sealing.
- Remove the protective plastic wrap from the new eSpring™ Filter Cartridge (10-0186-ME).
- 4. Push Filter Cartridge firmly into Filter Bracket to properly engage threads (Fig. 17).



5. Screw the Filter Cartridge onto the Filter Bracket until it comes to a



positive stop. (Fig. 18).

6. Reinsert the Filter Bracket (with the attached Filter Cartridge) into the Base Housing. Make sure the filter bracket is firmly in place and the handle is down. Firmly push the filter bracket down until it contacts the Base Housing. This ensures the main o-ring seal is seated properly.

 ${\bf NOTE:}$  Align Quick Connect Fittings to the back. The Filter Bracket only connects one way.

- Replace the Filter Retaining Ring and turn clockwise until it stops.
   No exposed threads should be visable below filter retaining ring.
   If threads are exposed, the filter bracket is not down all the way.
   Review above assembly steps.
- 8. Reinsert tubing into the Union Quick Connect fittings at INPUT and OUTPUT of the Filter Bracket.
- 9. Plug the DC Jack of the power adapter into the back of the electronic module.
- 10. Replace the Electronic Module onto the Filter Bracket. Snap it into place.
- Ensure the Electronic Module cord and strain relief are properly located in the cutout in the back to prevent the cord from being damaged (Fig. 19).

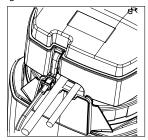


Fig. 19

12. Replace the Top Shroud onto the Electronic Module.

# Testing the Water Purifier

- For the Existing Tap the diverter pin should be pulled out with the cold water tap on. For the Auxillay Tap turn on the cold water isolation value in the water line.
- 2. It will take a short time for the water to saturate the Filter Cartridge and flow from the Existing Tap diverter. When treated water begins to flow, continue to let water run for a constant five-minute flush to eliminate air pockets and to clear the Filter Cartridge of carbon dust. (It is normal for a small amount of carbon dust from the Filter Cartridge manufacturing process to be seen during the initial flow.) If the water does not clear of carbon dust within a 15-minute constant flush, contact Technical Support, page 14.
- 3. Plug the power adapter into a suitable electrical outlet.

**NOTE:** If the Electronic Module display is functioning properly, the blue water drops will blink when water is flowing though the **eSpring** Water Purifier. If it is not blinking, see Maintenance and Trouble Shooting pg. 11.

- Check for any signs of leakage such as bubbling or water leakage around Quick Connect fittings.
- If there are no leaks and you have flushed the Water Purifier to eliminate any possible carbon dust, turn off the water. Your eSpring Water Purifier is ready to use.

# Accessories and Replacement Parts

Accessories and replacement parts may be ordered from your Amway Independent Business Owner (IBO). If you do not have an IBO, please call 1800-022-034 in Australia or 0800-113 444 in New Zealand to obtain information on an IBO near you. Information can also be accessed on the internet at www.eSpring.com. and www.a2k.com.au or www.a2k.co.nz.

# **Specifications**

**eSpring** $^{\text{TM}}$  Water Purifier: Model No. 10-0185(10-0189-A) or 10-0185(10-0188-A)

Housing Height: 327mm nominal.

Diameter: 178mm nominal. Constructed of durable, high impact plastic

Electrical Input Rating: 240 V, 50 Hz, 60 W

Filter Cartridge (10-0186-ME): Pressed carbon block with internal UV lamp

Materials: All wetted materials meet U.S. FDA requirements for use in

transmitting fluids for human consumption.

Maximum Operating Pressure: 860 kPa
Minimum Operating Pressure: 103kPa
Maximum Operating Temperature: 24°C
Minimum Operating Temperature: 4.4°C

Rated Service Flow:  $3.4\ L$  per minute at 415 kPa of water pressure with a new filter. (Actual flow rate will vary directly with water pressure and

the length of time the filter has been in service.)

Rated Service Life: The filter is designed to serve the average family's cooking and drinking water needs for one year or 5000 L, whichever comes first.

**NOTE:** Actual filter life will vary with the amount of use and quality of the water supply.

# Technical Support

Please read the instructions in this manual carefully. After studying the manual, if you still have a question concerning the installation or operation  $^{\mathsf{TM}}$  of your **eSpring** Water Purifier, contact Technical Support toll-free.

For service under this warranty in Australia contact Technical Support on 1800 022 034 or in New Zealand on 0800 113 444 BEFORE you return anything.

Information can also be accessed via the internet at www.eSpring.com and www.a2k.com.au or www.a2k.co.nz.

# Warranty

# eSpring™ Water Purifier LIMITED WARRANTY

#### 1. Warranty

Amway warrants that the **eSpring** Water Purifier (except for the filter) will not prove defective (as defined below) under normal use for two years from the date of purchase. An item will be considered "defective" if it is defective in materials or workmanship and if the defect materially impairs the performance or value of the **eSpring** Water Purifier to the original purchaser (the "Purchaser").

#### 2. Exclusions

This Warranty does not cover:

- (a) Any eSpring Water Purifier that has been subjected to any use that is different than or inconsistent with the use instructions in the eSpring Water Purifier Owners Manual.
- (b) Any eSpring Water Purifier that has been subjected to any abuse, accident, physical damage, improper installation or application, alter ation, neglect, improper temperature, humidity or other environmental conditions (including, but not limited to, lightning, flood or fire).
- (c) Any **eSpring** Water Purifier that has been damaged due to improper repair, modification, alteration or maintenance by anyone other than an authorized service warranty representative of Amway.
- (d) Any defect or diminished performance caused by the use of any part or accessory that is not compatible with the **eSpring** Water Purifier, OR:
- (e) Any **eSpring** Water Purifier that was not installed with an **eSpring** Auxiliary Tap Kit or an **eSpring** Existing Tap Kit.

#### 3. Use of non-authorized parts or accessories

Performance claims relating to the **eSpring** Water Purifier were developed through testing of the complete system as designed by the manufacturer, and as installed and operated as recommended by the manufacturer. The use of replacement parts or accessory attachments not recommended by the manufacturer may result in diminished system performance. Amway does not warrant the performance of any non-**eSpring** Water Purifier parts or accessories, and is not responsible for any damage to the **eSpring** Water Purifier caused by any non-**eSpring** Water Purifier parts or accessories.

### 4. Right of the Purchaser

If any **eSpring** Water Purifier that has not been subjected to any abuse, accident, physical damage, improper installation or application, alteration, neglect, improper temperature, humidity or other environmental conditions (including, but not limited to, lightning, flood or fire) proves to have been defective during the Warranty period then, subject to timely notification of the claimed defect, Amway will, at its option, either repair or replace the defective item at its expense, or refund an appropriate part of the price of the item to the Purchaser.

#### 5. Claim

In order to make a claim under this Warranty in Australia, the Purchaser must contact Amway via telephone at Technical Support on 1800 022 034 or in New Zealand on 0800 113 444 for shipping and handling instruction BEFORE you return anything. Then return the claimed defective product to Amway together with a copy of a sales receipt or other proof of purchase and a brief description of the product defect.

No Warranty claim may be made unless the Purchaser has notified Amway of the claimed defect by writing or telephoning Amway within two (2) months after its discovery, but in all events no later than two (2) months after the end of the applicable warranty period.

Upon receipt of an **eSpring™** Water Purifier that is claimed to be defective, Amway will determine, in its reasonable discretion, whether the **eSpring** Water Purifier is defective. By accepting a returned **eSpring** Water Purifier for inspection, Amway does not concede that the returned system is defective. Amway will bear the expense of shipping, both ways, with respect to the repair or replacement of any defective **eSpring** Water Purifier within the Warranty period. If, in Amway's opinion, the **eSpring** Water Purifier is not defective, it will be returned to the Purchaser.

#### 6. Limitations

This Warranty is limited to the value of the **eSpring** Water Purifier.

This Warranty will not be valid if a third party has manipulated the item to repair it.

Unless otherwise required under Australian or New Zealand laws, this Warranty sets forth the Purchaser's sole and exclusive remedies for any defect in the **eSpring** Water Purifier

Unless otherwise required under relevant Australian or New Zealand law, THE WARRANTIES STATED HEREIN ARE IN LIEU OF ALL OTHER WARRANTIES, EXPRESS, IMPLIED, STATUTORY OR OTHERWISE, EXCEPT FOR THE IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY, THE IMPLIED WARRANTY OR CONDITION OF FITNESS FOR A PARTICULAR PURPOSE, AND ANY OTHER NON-DISCLAIMABLE WARRANTIES IMPOSED BY AUSTRALIA OR NEW ZEALAND LAW. NO SUCH NON-DISCLAIMABLE WARRANTY, INCLUDING BUT NOT LIMITED TO THE WARRANTY OR CONDITION OF MERCHANTABILITY AND THE WARRANTY OR CONDITION OF FITNESS FOR A PARTICULAR PURPOSE, SHALL BE FOR TERMS EXTENDING BEYOND THE DURATION OF THE EXPRESS LIMITED WARRANTY DESCRIBED ABOVE.

Insofar as it is permitted under Australian or New Zealand law, Amway limits its liability for incidental or consequential damages. This Warranty does not affect the Purchaser's statutory rights under applicable consumer protection legislation.

Unless otherwise required under Australian or New Zealand law, no person is authorized to modify or expand the Warranty provided herein, waive any of the conditions and limitations of this Warranty, or make any different or additional warranties with respect to the **eSpring** Water Purifier. Any statements to the contrary shall be of no effect unless made in writing and signed by an authorized representative of Amway.

This Warranty is applicable in Australia and New Zealand.

For further details please contact your Amway Independent Business Owner (IBO) or

46 Carrington Road
Castle Hill
New South Wales
2154 Australia
or
Amway of New Zealand Ltd.
15 Lady Ruby Drive
Auckland
New Zealand

Amway of Australia

# Satisfaction Guarantee

We stand behind the quality of Amway™ products and guarantee your satisfaction.

If you are not completely satisfied within 90 days of purchase or receipt of this product, please return it to the Amway IBO from whom you purchased it. The IBO will offer you the choice to have it replaced without charge, receive full credit toward the purchase of another Amway product, or receive a refund for the full purchase price.

This guarantee does not apply to products that have been intentionally damaged or misused.

## **NSF** Performance Data Sheet

The **eSpring™** Water Purifier is listed with the NSF International. NSF International is an independent testing and certification agency established to set quality standards for a wide variety of home and industrial products. Many regulatory agencies, municipal water treatment officials and residential builders look for NSF International listing as certification that a product will meet high performance standards. The following product information is presented in compliance with NSF International disclosure requirements.

**eSpring Water Purifier No.:** 10-0185 (0188-A) or 10-0185(0189-A) Replaceable Filter Cartridge No.: 10-0186-ME

**Functional Description:** The **eSpring** Water Purifier is comprised of a compressed activated carbon block filter and an ultraviolet lamp. The filter is composed of two outer non-woven pre-filters, and a layer of immobilized activated carbon.

This device is certified as a class B system in compliance with NSF/ANSI Standard 55 and is equipped with an ultraviolet (UV) lamp that requires replacement at intervals in accordance with the manufacturer's instructions. The system is designed for the supplemental bactericidal treatment of either treated and disinfected public drinking water or other drinking water which has

leduction Requirements/ Max. Permissible Average Influent Challenge Concentration Average Effluent Product Water Concentration (Product Water Substance Actual NSF/ANSI Standard 42 Aesthetic Effects Particulates-Class I (#/mL at 0.5 <1 micron) >10,000 12,000,000 68,100 >85% 99.4 Chlorine Taste and Odor  $2 \pm 10\%$ <0.05 ≥50% 97.5 (mg/L as chlorine) 3 ± 10% Chloramine (mg/L) 2.9 0.096 0.5 96.7 NSF/ANSI Standard 53 Health Effects 104-105 Asbestos (fibers/mL >10 um) 380 000 <1 >99% >99 99 Lead at pH 6.5 (µg/L) 150 ± 10% 150 <1.0 10 >99.3 Lead at pH 8.5 (µg/L) 10 150 ± 10% 150 <1.0 >99.3 Mercury at pH 6.5 (µg/L) 6.0 ± 10% 5.8 <0.2 2.0 >96.5 Mercury at pH 8.5 (μg/L) 6.0 ± 10% 5.8 0.2 2.0 96.5 Alachlor (µg/L) 40 ± 10% 42 <1.0 2.0 >97.6 Atrazine (µg/L) 9 + 10% 95 < 0.5 3.0 S94 7 Benzene (µg/L) 15 ± 10% 14.67 <0.5 5.0 >96.5 80 ± 10% 86 40 >98.8 Carbofuran (µg/L) <1 Carbon Tetrachloride (µg/L) 15 ± 10% 15.67 <0.5 5.0 >96.8 0.7 40 ± 10% 40 2.0 98.2 Chlordane (µg/L) 1950 Chlorobenzene (µg/L) 2000 + 10% < 0.5 100 >99.9 2-4-D (µg/l) 210 ± 10% 215 0.18 70.0 99.9 Dibromochloropropane (µg/L) 4 ± 10% 3.6 <0.01 0.20 >99.7 o-Dichlorobenzene(µg/L) 1800 ± 10% 1917 600 >99.94 <1 6 ± 10% 5.9 <0.2 2.0 >96.6 Endrin (µg/L) 2100 ± 10% 2000 700 Ethylbenzene (µg/L) >99.95 <1 Ethylene dibromide (ug/L) 1 + 10% 1.0 < 0.01 0.05 >99.0 Heptachlor epoxide (µg/L) 4 ± 10% 4.1 < 0.05 0.20 >98.7 2 ± 10% 2.1 <0.02 >99.0 Lindane (µg/L) 0.20 Methyl-tert-butyl ether (MTBE) ( $\mu$ g/L) 15  $\pm$  10% 14.7 0.6 5.0 95.9 Methoxychlor (µg/L) 120 ± 10% 120 0.1 40.0 99.9 12.5 0.5 PCBs (Araclor 1260) (ua/L) 10 ± 10% 0.34 97.3 Radon (pCi/L) 4000 ± 25% 300 99.99 4426 6.4 Simazine (µg/L) 12 ± 10% 11 <0.2 4 >98.2 Styrene (µg/L) 2000 ± 10% 2016 <0.5 100 >99.9 Tetrachloroehthylene (μg/L) 15 ± 10% 14.5 <0.5 5 >96.5 3000 ± 10% 1000 Toluene (µg/L) 1.06 Trihalomethanes (TTHMs as chloroform) (µg/L) 80.0 450 ± 10% 478 2.1 99.5 Toxaphene (µg/L) 15 ± 10% 15.2 <1 3.0 >93.3 2,4,5 TP (Silvex) (µg/L) 150 ± 10% 150 19.5 50.0 87.0 Trichloroethylene (µg/L) 300 ± 10% 298.3 < 0.5 >99.8 †VOC's (μg/L) as chloroform 300 ± 10% <0.5 >99.8

Test Conditions: pH: 7.75, Pressure: 415 kPa, Flow Rate: 3.4 L/min

been tested and deemed acceptable for human consumption by regional or local health authorities having jurisdiction. The system is designed to reduce normally occurring non-pathogenic or nuisance microorganisms only. Class B Systems are not intended for the treatment of contaminated water.

This Water Purifier has been tested according to NSF/ANSI 42, and 53 for reduction of the substances listed below. The concentration of the indicated substances in water entering the Water Purifier was reduced to a concentration less than or equal to the permissible limit for water leaving the Water Purifier as specified in NSF/ANSI 42 and 53.

tThe following table sets forth allowable claims which can be made for drinking water treatment units that have met the requirements for VOC reduction.

Substance	Influent Challenge Level (ppb)	Maximum Effluent
Alachlor	50	1.0
Atrazine	100	3.0
Benzene	81	1.0
Carbofuran	190	1.0
Carbon tetrachloride	78	1.8
Chlorobenzene	77	1.0
Chloropicrin	15	0.2
2,4-D	110	1.7
Dibromochloropropane (DBCP)	52	0.02
o-Dichlorobenzene	80	1.0
p-Dichlorobenzene	40	1.0
1,2-Dichloroethane	88	4.8
1,1-Dichloroethylene	83	1.0
cis-1,2-Dichloroethylene	170	0.5
trans-1,2-Dichloroethylene	86	1.0
1,2-Dichloropropane	80	1.0
cis-1,3-Dichloropropylene	79	1.0
Dinoseb	170	0.2
Endrin	53	0.59
Ethylbenzene	88	1.0
Ethylene dibromide (EDB)	44	0.02
Haloacetonitriles (HAN):		
bromochloroacetonitrile	22	0.5
dibromoacetonitrile	24	0.6
dichloroacetonitrile	9.6	0.2
trichloroacetonitrile	15	0.3
Haloketones (HK):		0.0
1,1-dichloro-2-propanone	7.2	0.1
1,1,1-trichloro-2-propanone	8.2	0.3
Heptachlor	250	0.01
Heptachlor epoxide	10.7	0.2
Hexachlorobutadiene	44	1.0
Hexachlorocyclopentadiene	60 55	0.002
Lindane		
Methoxychlor	50	0.1
Pentachlorophenol	96	1.0
Simazine -	120	4.0
Styrene	150	0.5
1,1,2,2-Tetrachloroethane	81	1.0
Tetrachloroethylene	81	1.0
Toluene	78	1.0
2,4,5-TP (Silvex)	270	1.6
Tribromoacetic acid	42	1.0
1,2,4-Trichlorobenzene	160	0.5
1,1,1-Trichloroethane	84	4.6
1,1,2-Trichloroethane	150	0.5
Trichloroethylene	180	1.0
Trihalomethanes includes: Chloroform (surrogate chemical) Bromoform	300	15
Bromodichloromethane Chlorodibromomethane Xylenes (total)	70	15 1.0

In addition, NSF International has verified the water treatment claims for this model for the reduction of specific substances which are not included in NSF/ANSI Standard 53 or Standard 42 as follows:

		F/// ·		
Chemical	% Reduction	Influent Concentration (µg/l)	Effluent Concentration (µg/l	
Acenaphthene	>99.7	67.9	<dl< td=""></dl<>	
Acenaphthylene	>99.7	44.9	<dl< td=""></dl<>	
Aldrin	97.4	14.4	0.38	
Anthracene	>99.6	0.0106	<dl< td=""></dl<>	
Benzidine	>99.6	2.54	<dl< td=""></dl<>	
Benzolalanthracene	>99.3	0.224	<dl< td=""></dl<>	
Benzolalpyrene	92.5	0.0605	0.00456	
Benzo[b]fluoranthene	98.7	0.316	0.00416	
Benzolg,h,ilperylene	91.0	0.434	0.0390	
Benzo[k]fluoranthene	98.1	0.325	0.00611	
alpha-BHC	>99.6	80.6	<dl< td=""></dl<>	
peta-BHC	>99.6	81.4	<dl< td=""></dl<>	
delta-BHC	>99.6	77.8	<dl< td=""></dl<>	
gamma-BHC	>99.6	80.9	<dl< td=""></dl<>	
Bis(2-Chloroethoxy)methane	>99.3	136	<dl< td=""></dl<>	
Bis(2-chloroethyl) ether	>99.0	213	<dl< td=""></dl<>	
Bis(2-chloroisopropyl) ether	>98.3	206	<dl< td=""></dl<>	
Bis(2-ethyl-hexyl) phthalate	99.0	199	2	
4-Bromophenyl phenyl ether	>99.1	225	<dl< td=""></dl<>	
Butyl benzyl phthalate	>99.4	226	<dl< td=""></dl<>	
4-Chloro-3-methylphenol	>99.1	171	<dl< td=""></dl<>	
2-Chloroethyl vinyl ether	>99.9	298	<dl< td=""></dl<>	
2-Chlorophenol	>98.1	175	<dl< td=""></dl<>	
4-Chlorophenyl phenyl ether	>99.1	197	<dl< td=""></dl<>	
Chrysene	>97.8	0.232	<dl< td=""></dl<>	
4,4'-DDD	97	59.4	1.7	
Di-n-butyl phthalate	>99.6	245	<dl< td=""></dl<>	
Di-n-octyl phthalate	>98.8	179	<dl< td=""></dl<>	
Dibenzola, hlanthracene	93.4	0.524	0.0345	
1,3-Dichlorobenzene	>99.8	99.7	<dl< td=""></dl<>	
3,3'-Dichlorobenzidine	>99.6	4.89	<dl< td=""></dl<>	
2,4-Dichlorophenol	>98.7	161	<dl< td=""></dl<>	
trans-1,3-Dichloropropene	>99.9	163	<dl< td=""></dl<>	
Dieldrin	99.7	132	0.43	
Diethyl phthalate	>99.7	202	<dl< td=""></dl<>	
Dimethyl phthalate	>99.8	197	<dl< td=""></dl<>	
2,4-Dimethylphenol	>98.7	167	<dl< td=""></dl<>	
4,6-Dinitro-2-methyl phenol	>99.3	57.4	<dl< td=""></dl<>	
2,4-Dinitrotoluene	>94.3	175	<dl< td=""></dl<>	
2,6-Dinitrotoluene	>95.1	204	<dl< td=""></dl<>	
1,2-Diphenylhydrazine	>99.0	161	<dl< td=""></dl<>	
alpha-Endosulfan	97.1	75.6	2.20	
peta-Endosulfan	97.5	79.4	1.95	
Endosulfan Sulfate	95.4	85.2	3.95	
Endrin Aldehvde	>99.0	20.3	<dl< td=""></dl<>	
Fluoranthene	>98.2	0.303	<dl< td=""></dl<>	
luorene	>99.7	7.56	<dl< td=""></dl<>	
Hexachlorobenzene	>98.8	84.3	<dl< td=""></dl<>	
Hexachloroethane	>96.6	46.6	<dl< td=""></dl<>	
sophorone	>98.4	177	<dl< td=""></dl<>	
Naphthalene	>99.7	23.4	<dl< td=""></dl<>	
Nitrobenzene	>98.5	156	<dl< td=""></dl<>	
2-Nitrophenol	>99.5	150	<dl< td=""></dl<>	
4-Nitrophenol	>99.8	57.6	<dl< td=""></dl<>	
N-Nitroso-di-n-propylamine	>99.2	157	<dl< td=""></dl<>	
N-Nitrosodiphenylamine	>99.1	147	<dl< td=""></dl<>	
PCB-1016	>98.8	57.9	<dl <<="" td=""></dl>	
PCB-1221	>99.6	49.7	<dl< td=""></dl<>	
PCB-1232	>98.4	30.9	<dl< td=""></dl<>	
PCB-1242	>99.2	35.5	<dl< td=""></dl<>	
PCB-1248	>99.4	35.6	<dl< td=""></dl<>	
PCB-1254	>97.5	40.3	<dl< td=""></dl<>	
Phenanthrene	>99.0	0.0752	<dl< td=""></dl<>	
Phenol	>98.1	68.7	<dl< td=""></dl<>	
Pyrene	>98.1	0.328	<dl< td=""></dl<>	

Additional Contaminants EPA Priority Pollutants				
Chemical	% Reduction	Influent Concentration (µg/l)	Effluent Concentration (µg/l)	
Strychnine	>99.8	47.5	<dl< td=""></dl<>	
TCDD 2,3,7,8- Tetrachlorodibenzoparadioxin	>99.9	0.0131	<dl< td=""></dl<>	
TCDF 2,3,7,8- Tetrachlorodibenzofuran	>99.9	0.0269	<dl< td=""></dl<>	
2,4,6-Trichlorophenol	>98.7	168	<dl< td=""></dl<>	
1,2,3-Trichloropropane	>99.4	86.8	<dl< td=""></dl<>	
Vinyl Chloride	>93.9	8.2	<0.5	

Chemical	% Reduction	Influent Concentration (µg/l)	Effluent Concentration (µg/l)
Aldicarb	99.8	103	0.21
Carbaryl	>98.3	511	<dl< td=""></dl<>
Chlorpyrifos	>99.9	212	<dl< td=""></dl<>
4,4'-Dibromo-1,1'-biphenyl	95.7	46.0	2.00
Guthion	>99.9	46.1	<dl< td=""></dl<>
Hydrocarbons	>91.3	1150	<dl< td=""></dl<>
Malathion	>99.0	217	<dl< td=""></dl<>
Parathion	99.9	212	<dl< td=""></dl<>

Rated Flow Speed: 3.4 L/min

Capacity of Filter Cartridge: 5000 L or one year service

Maximum Working Pressure: 862 kPa Minimum Pressure: 103.5 kPa Maximum Water Temperature: 24°C Minimum Water Temperature: 4.4°C Electrical Input Rating: 19V DC, 3.16A

General Installation Conditions and Needs: See Owner's Manual

General Operation and Maintenance Requirements: See Owner's Manual

Explanation of Performance Indicator: See Owner's Manual Manufacturer's Limited Warranty: See Owner's Manual Installation must comply with applicable laws and regulations.

The contaminants listed above for reduction by the **eSpring™** Water Purifier are not necessarily in your water.

The Water Purifier has been certified for the reduction of radon from drinking water and not for other potential radon sources. The water purifier should not be used on drinking water containing radon levels in excess of 4000 pCi/L.

While testing of this Water Purifier was performed under standard laboratory conditions your actual performance may vary.

**CAUTION:** Do not use where water is microbiologically unsafe or with water of unknown quality without adequate disinfection before or after the Unit.



SYSTEM TESTED AND CERTIFIED AGAINST ANSI/NSF STANDARD 42, 53, AND 55.

Dist. by Amway of Australia, **7-9 Irvine Place, Bella Vista, NSW 2153**Product Information Number:
(Aust) 1800 454 647, (NZ) 0800 611 611
Manufactured by Access Business Group LLC, Ada, MI 49355
Dist. by Access Business Group International LLC, Ada, MI 49355
©2003 Access Business Group